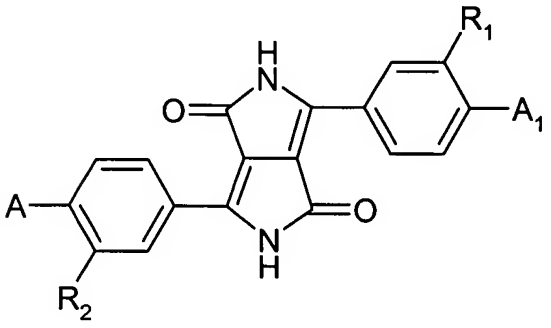
In the claims:

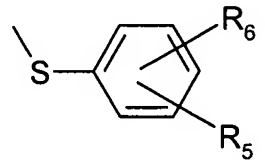
1. **(currently amended)** A high-molecular-weight polymeric material comprising at least one ~~blue-tinged red-shade~~ diketopyrrolopyrrole pigment (DPP pigment), which pigment has a particle size of less than or equal to 0.1μm, has a transmission at 570-580 nm of less than 5% and a transmission at 615 nm of at least 80%, and consists of compounds of formula



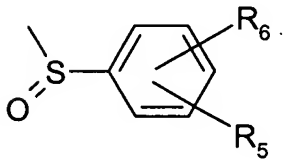
(1)

wherein

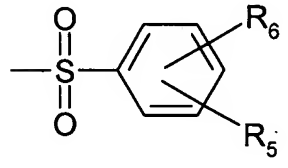
R_1 is hydrogen, chlorine, methyl, methoxy, CF_3 or CN, R_2 is hydrogen, chlorine, methyl, methoxy, CF_3 or CN, A is hydrogen, chlorine, methyl, methoxy, CF_3, CN, unsubstituted or substituted phenyl or a radical of formula



(2)



(2a)

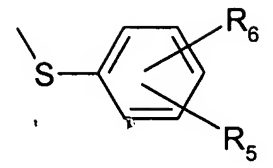


(2b)

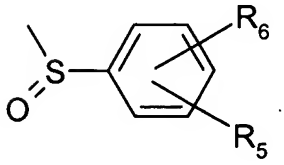
wherein

R_5 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN and R_6 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN, or R_5 and R_6 together with the phenyl ring to which they are bonded form an aryl or a heteroaryl ring and

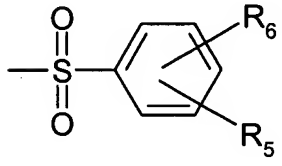
A_1 is a radical of formula



(2)



(2a)

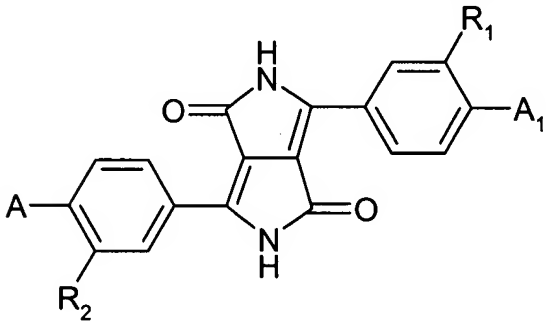


(2b)

wherein

R_5 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN and R_6 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN, or R_5 and R_6 together with the phenyl ring to which they are bonded form an aryl or a heteroaryl ring.

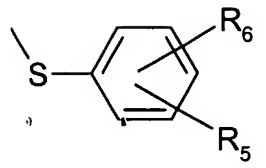
2. **(currently amended)** A ~~blue-tinged red-shade~~ diketopyrrolopyrrole pigment **[[)]]** , which pigment has a particle size of less than or equal to 0.1μm, has a transmission at 570-580 nm of less than 5% and a transmission at 615 nm of at least 80%, and consists of compounds of formula

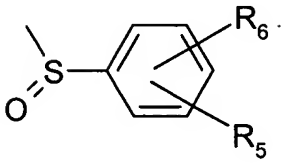


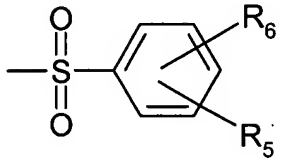
(1)

wherein

R_1 is hydrogen, chlorine, methyl, methoxy, CF_3 or CN, R_2 is hydrogen, chlorine, methyl, methoxy, CF_3 or CN, A is hydrogen, chlorine, methyl, methoxy, CF_3, CN, unsubstituted or substituted phenyl or a radical of formula


(2)

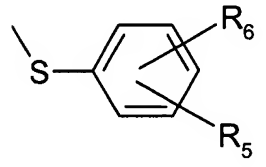

(2a)

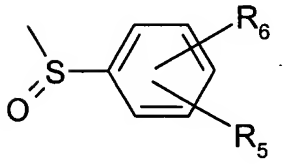

(2b)

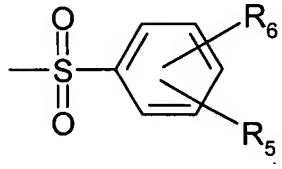
wherein

R_5 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN and R_6 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN, or R_5 and R_6 together with the phenyl ring to which they are bonded form an aryl or a heteroaryl ring and

A_1 is a radical of formula


(2)

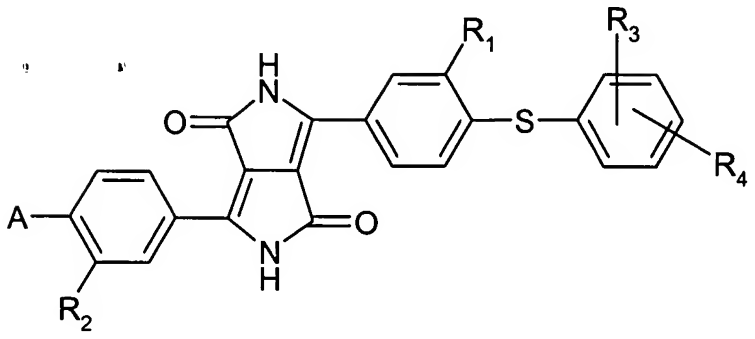

(2a)


(2b)

wherein

R_5 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN and R_6 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN, or R_5 and R_6 together with the phenyl ring to which they are bonded form an aryl or a heteroaryl ring, with the proviso that, when both of A and A_1 are a radical of formula (2), R_5 cannot be hydrogen and R_6 cannot be methyl bonded in the 4-position.

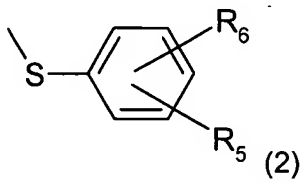
3. **(previously presented)** A diketopyrrolopyrrole pigment according to claim 2 of formula



(1a)

wherein

R_1 is hydrogen, chlorine, methyl, methoxy, CF_3 or CN, R_2 is hydrogen, chlorine, methyl, methoxy, CF_3 or CN, R_3 is hydrogen, chlorine, methyl, methoxy and R_4 is hydrogen, chlorine, methyl, methoxy or R_3 and R_4 together with the phenyl ring to which they are bonded form a heteroaryl ring, and A is hydrogen, chlorine, methyl, methoxy, CF_3, CN, unsubstituted or substituted phenyl or a radical of formula

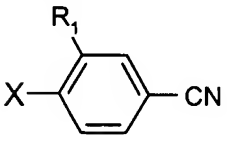


(2)

wherein

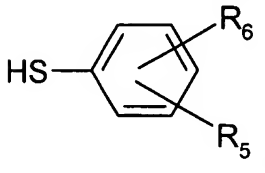
R_5 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN and R_6 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN, with the proviso that, when A is a radical of formula (2), R_3 and R_5 cannot be hydrogen and R_4 and R_6 cannot be methyl bonded in the 4-position.

4. **(currently amended)** A process for the preparation of a diketopyrrolopyrrole pigment of formula (1) according to claim 2, which comprises first reacting a nitrile of formula

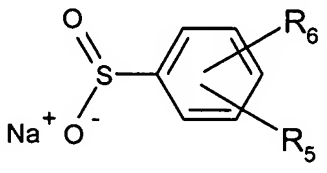


(50)

wherein R_1 is as defined above and X is a leaving group, with a compound of formula

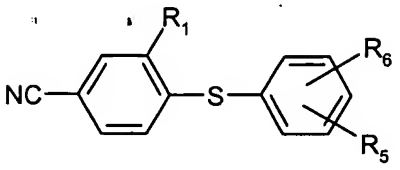


(51) or



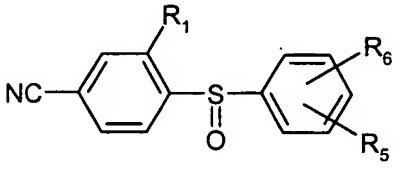
(51a),

wherein R_5 and R_6 are as defined above, and then reacting with a succinic acid diester, or oxidising a compound of formula



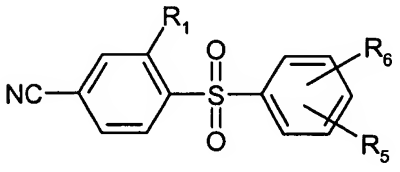
(51b)

resulting from the compounds of formulae (50) and (51) to a compound of formula



(51c)

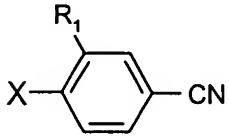
or to a compound of formula



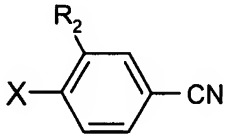
(51d)

and then reacting with a succinic acid diester,

or first reacting a mixture of two nitriles of formulae

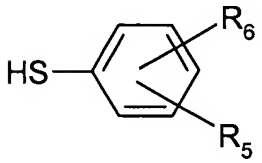


(50) and

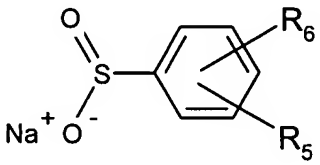


(52),

wherein R_1 and R_2 are as defined above and X is a leaving group, with a compound of formula

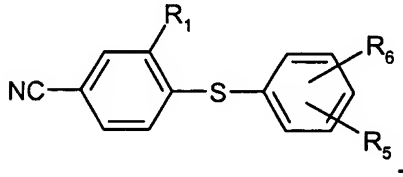


(51), or

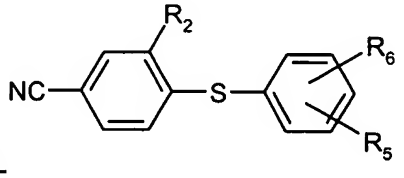


(51a),

wherein R_5 and R_6 are as defined above, and then reacting with a succinic acid diester, or oxidising a mixture of compounds of formulae

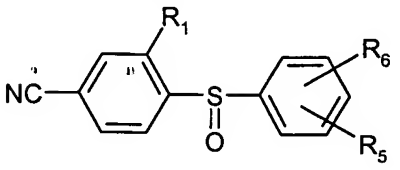


(51b) and

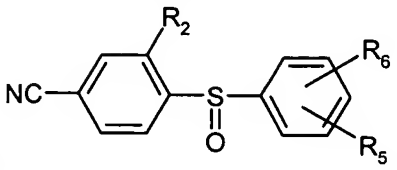


(51bb)

resulting from the compounds of formulae (50), (52) and (51) to a mixture of compounds of formulae

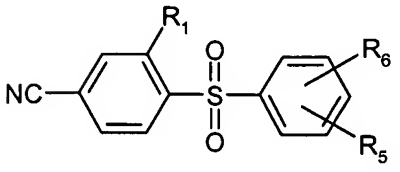


(51c) and

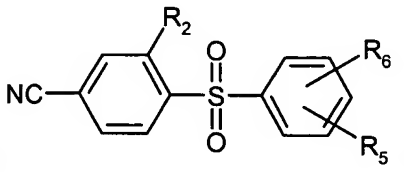


(51cc)

or to a mixture of compounds of formulae



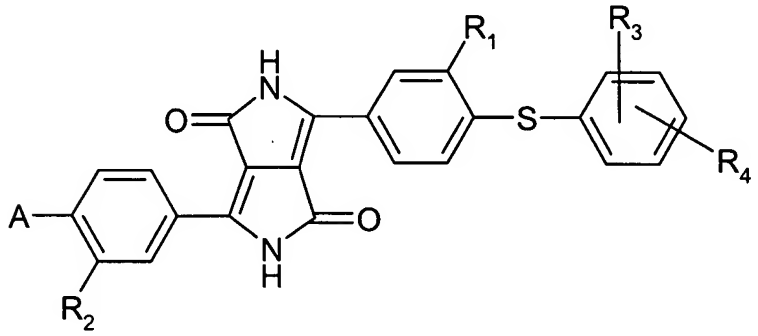
(51d) and



(51dd)

and then reacting with a succinic acid diester to result in a suspension followed by discharging the suspension into a mixture comprising water, methanol and acetic acid at a temperature below 30°C, resulting in a pigment which has a particle size of less than or equal to 0.1μm, has a transmission at 570-580 nm of less than 5% and a transmission at 615 nm of at least 80%.

5. **(currently amended)** A high-molecular-weight polymeric material according to claim 1 comprising at least one ~~blue-tinged red shade~~ diketopyrrolopyrrole pigment, which pigment has a particle size of less than or equal to 0.1μm, has a transmission at 570-580 nm of less than 5% and a transmission at 615 nm of at least 80%, and consists of compounds of formula

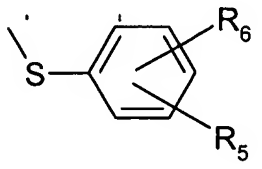


(1a)

wherein

R_1 is hydrogen, chlorine, methyl, methoxy, CF_3 or CN, R_2 is hydrogen, chlorine, methyl, methoxy, CF_3 or CN, R_3 is hydrogen, chlorine, methyl, methoxy and R_4 is hydrogen, chlorine, methyl, methoxy or R_3 and R_4 together with the phenyl ring to which they are bonded form a heteroaryl ring, and A is

hydrogen, chlorine, methyl, methoxy, CF_3, CN, unsubstituted or substituted phenyl or a radical of formula



(2)

wherein

R_5 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN and R_6 is hydrogen, chlorine, methyl, methoxy, nitro, CF_3 or CN.

6. **(original)** A high-molecular-weight polymeric material according to claim 5, wherein, in formula (1a), R_1 is hydrogen, chlorine or methyl, R_2 is hydrogen, chlorine or methyl, R_3 is hydrogen, chlorine or methyl, R_4 is hydrogen, chlorine or methyl and A is hydrogen, chlorine, methyl or phenyl.

7. **(previously presented)** A high-molecular-weight polymeric material according to claim 5, wherein, in formula (1a), A is a radical of formula (2) in which R_5 is hydrogen, methyl or methoxy and R_6 is hydrogen, methyl or methoxy.

8. **(original)** A high-molecular-weight polymeric material according to claim 1, wherein the high-molecular-weight organic material is based on acrylates or methacrylates.

9. **(currently amended)** A process for the production of colour filters, which process comprises applying a coating containing a diketopyrrolopyrrole pigment of formula (1) according to claim 1 to a transparent substrate or pigmenting a transparent substrate with said pigment.

10. **(previously presented)** A process for the production of colour filters according to claim 9, wherein the coating or transparent substrate comprises a high-molecular-weight polymeric material based on acrylates or methacrylates.

11. **(cancelled)**

12. **(currently amended)** A colour filter ~~produced with~~ comprising a diketopyrrolopyrrole pigment of formula (1) according to claim 2.

13. **(previously presented)** A high-molecular-weight polymeric material according to claim 6, wherein, in formula (1a), A is a radical of formula (2) in which R_5 is hydrogen, methyl or methoxy and R_6 is hydrogen, methyl or methoxy.

14. **(currently amended)** A colour filter ~~produced with~~ comprising a high-molecular-weight polymeric material according to claim 1.